

CESARSKA-SZYMENDERA, DANUTA
RAFINSKI, Teodor.;RAFINSKI, Roman.;CESARSKA-SZYMENDERA, Danuta.

Treatment of chronic pleuro-pulmonary fistulas. Polski tygod.
lek. 12 no.28:1070-1076 ' July 57.

1. (Z Kliniki Chorob Dzieciacych A. M. w Poznaniu; kierownik:
prof. dr med. T. Rafinski). Adres: Poznan, ul. Marii Magdaleny 14.
Klinika Chorob Dziec. A. M.

(LUNGS, fistula,
pleuro-pulm., ther (Pol))
(PLEURA, fistula,
same)

GESARSKA-SZYMENDERA, Danuta (Poznan, ul. Szamanewskiego 11 m. 7)

Case of membranous skin desquamation. Polski tygod. lek. 13 no.46:
1835-1837 17. Nov 58.

I. Z I Kliniki Chorob Dzieciacych A.M. w Poznaniu; kierownik; prof.
dr. med. T. Rafinski.

(SKIN DISEASES, in inf. & child
membranous desquamation in newborn, case report (Pol))

(INFANT, NEWBORN, dis.
membranous desquamation of skin, case report (Pol))

(ICHTHYOSIS, differ. diag.
membranous desquamation of skin (Pol))

CESARSKA, Danuta; KOZŁOWSKI, Kazimierz

A method for stimulation therapy in the light of the studies on proteins. *Polskie arch. med. wewn.* 29 no.7:891-897 1959.

1. Z I Kliniki Chorob Dziecięcych A. M. w Poznaniu Kierownik:
prof. dr med. T. Rafinski i z Rejonowego Szpitala Wojskowego w
Poznaniu Ordynator: dr med. B. Kowalski
(VACCINES, ther.) (SKIN DISEASES, ther.)
(BLOOD PROTEINS)

~~CESARSKA, Danuta~~ KOZŁOWSKI, Kazimierz

Behavior of serum proteins in lipid nephrosis and nephrotic syndromes in children. *Pediat. polska* 34 no.6:811-819 June 59.

1. Z I Kliniki Chorob Dzieciacych A. M. w Poznaniu Kierownik:
prof. dr med. T. Rafinski
(NEPHROTIC SYNDROME, blood) (BLOOD PROTEINS)

CIESIARSKA, D

SURNAME (in caps); Given Names

Country: Poland

Academic Degrees:

Affiliation: Medyczna), Poznan; Director: T. RAFINSKI, Prof dr med
Clinic for Child Diseases, School of Medicine (Akademia

Source: Warsaw, Przeglad Lekarski, No 4, 1961, pp 178-180

Data: "The Influence of Stimulatory Treatment on Increased Immunity
of the Organism."

SKALMOWSKI, Tadeusz; CESARSKA, Danuta

Electrophoretic picture of serum proteins in infectious hepatitis
in children. *Pediatr pol* 36 no.1:43-52 '61.

1. Z Oddziału Zakaznego Wojewódzkiego Dziecięcego Szpitala w Poznaniu
Dyrektor: dr med. M. Stabrowski Ordynator: dr med. T. Skalmowski i z
I Kliniki Chorob Dzieci A.M. w Poznaniu Kierownik: prof. dr med.
T. Rafiński.

(BLOOD PROTEINS chem) (HEPATITIS INFECTIOUS blood)

CESK, Broku

Defects of the interventricular septum and pulmonary and aortic
bicuspid valves. Bul. univ. shtet. Tirane [Mjek] 2:47-52 '63.

1. Sherbimi i anatomise patologjike Spitali Mr.I, Tirane.

CESKA, P.

"

"Things which should be told to new collective farmers."

p.197 (Mechanizace Zemedelstvi, Vol. 8, no. 9, May 1958, Praha, Czechoslovakia)

Monthly Index of East European Accession (NEAI) 10, Vol. 7, No. 5, 1958

S/081/62/000/022/075/088
B166/B144

AUTHORS: Ceška, Václav, Chromeček, Richard, Mach, Ladislav

TITLE: Method of producing cationites based on pearl
polycondensation products

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 546, abstract
22P427 (Czechosl. patent, 97642, Dec. 15, 1960)

TEXT: The subject of the patent is characterized by the addition of a small quantity of free phenol to the dispersion medium, which prevents agglutination of the particles of polycondensation product at the critical moment of granulation. The phenol reacts with excess formaldehyde (I). The addition of surfactants is unnecessary when the reaction system is fairly pure. Example 1. 132.2 g commercial mixture containing 75% 1- and 2-naphthalene sulfonic acids (II) are dissolved in 179.5 g of a 30% I solution and condensed at 105-120°C until the consumption of I is 1.7-1.8 moles per mole of II. 48.2 g concentrated H₂SO₄ are added and are mixed, after cooling, with 150 g commercial phenol sulfonic acid (III) produced from 69.2 g phenol (IV). The dispersion medium consists of 1380 g o-dichloro
Card 1/3

S/081/62/000/022/075/088
Method of producing cationites based ... B166/B144

benzene (V), 460 g sym. tetrachloro ethane (VI), 1.8 g dodecyl benzene sulfonic acid (VII) and 4 g IV. The aforesaid polycondensation mixture is stirred in and gradually heated to 60°C. Pearls are formed for an hour, after which the temperature is raised to 100°C. The product is finally hardened at 130°C, an azeotropic mixture of water and solvents being driven off at the same time. When cold it is filtered and the solvents are distilled off with water vapor. Example 2. 0.7 g VII are dissolved in 300 ml of a dispersion medium of V and VI (specific gravity of mixture 1.39); 47.5 g 30% I solution are added, the mixture is heated to 40°C for 3-5 min, whereupon 71 g fused III containing 1 g IV are added. The temperature should not exceed 50°C. The mixture is agitated at 50 - 55°C until pearls begin to form; it is kept for a further 3 hrs at 95 - 98°C and the pearls are sulfurized with 200 g concentrated H₂SO₄ (3 hrs, 100°C).

Example 3. 100 g 67% benzaldehyde-2,4-disulfonic acid is dissolved in 335 g water and 5 g concentrated H₂SO₄, 28 g resorcinol and 47 g IV are added and the whole is boiled for 6 hrs with a reflux condenser. At 50°C

Card 2/3

Method of producing cationites based ... S/081/62/000/022/075/088
B166/B144

40 g 30% I are added. The mixture is stirred for 2 hrs, and cooled;
70 g 30% II is added. 1.6 g VII and 3.5 g IV are dissolved in 1650 ml of
the dispersion medium, which is a mixture of V and monochloro benzene
(specific gravity of mixture 1.14). The procedure is then as in example
1. [Abstracter's note: Complete translation.]

Card 3/3

ČESKOVA, O.; HUDEC, M.

Transportation of histological sections by means of perforated vessels.
Česk. morf. 12 no.4:415-417 '64.

1. Anatomický ústav lékařské fakulty Karlovy univ. v Hradci Králové,
(predn. prof. MUDr. J. Hromáda, DrSc.) a anatomický ústav lékařské
fakulty Univ. J.E. Purkyne v Brně (predn. doc. MUDr. P. Poláček, CSc.).

GESKY, Milan, ins.

Electrical work in experimental construction of joint antennas.
Sdel tech ll no.3:83-85 Nr '63.

CESKY, Milan, inz.

Group antenna amplifiers made in Czechoslovakia. Sdel tech 11
no.8:282-285 Ag '63.

CESKY, Milan, inz.

Some new features of the Orion AT650-0 television set. Sdel tech
12 no.2864-68 F'64.

GESMIGA, I.

Coal mine in Trbovlje. p.9. NOVA PROIZVODNJA. (Uprava za
napredek v proizvodnji) Ljubljana. Vol. 7, no. 1, Mar. 1956

SOURCE: East Europe Accessuib Kusta (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

Cesmiga, I

Final

2666. ZAGORJE BROWN COAL MINE. *Cosmiga, I.* (Nova Proizvod. (New
 Industr., Ljubljana), 1956, vol. 7, (2), 85-102). The history, geography,
 organization, equipment and working are described and statistical data for
 1947 to 1954 are given. Output was 431,000 tons in 1947 and 514,000 in 1954.
 (L).

2667. HRASTNIK BROWN COAL MINE. *Cosmiga, I.* (Nova Proizvod. (New
 Industr., Ljubljana), 1956, vol. 7, (2), 103-110). The history, geography,
 organization, equipment and working of the mine are described and statistical
 data for 1947-1949 are given. Output in 1949 was 295,100 tons, and in 1950
 Hrastnik was combined with the Trbovlja mine. (L).

(LEAL) Library of Congress,
 Vol. 5, no. 12, Dec. '56

CESMIGA, I

Fuel

2271. LASNO BRONI COAL MINE. Cesmiga, I. (Nova Proizvod. (New
 Industr. Ljubljana), 1956, Vol. 7. (5), 276-277). The history, geography,
 organization, equipment and workings of the mine are described and statistical
 data for 1947-54 are given. Output was 24,500 tons in 1947 and 102,200 in
 1954.

2272. LIBOJE BRONI COAL MINE. Cesmiga, I. (Nova Proizvod. (New
 Industr. Ljubljana), 1956, Vol. 7. (5), 276-277). The history, geography,
 organization, equipment and workings of the mine are described and statistical
 data for 1947-52 are given. Output was 32,630 in 1947 and 47,400 in 1952.
 In 1951 Liboje was combined with the Zubiljanska mine.

4302. BRNOVO BRON COAL MINE. Čestica, I. (Nova Proizvod. (New
 Industr., Ljubljana), 30 June 1955, vol. 7, 173-182). The history,
 organization, equipment and underground mining methods are described.
 Statistics are given for 1947-54, during which annual production rose from
 214,900 to 272,000 tons. (1).

Final *L*

4303. BRNOVO BRON COAL MINE. Čestica, I. (Nova Proizvod. (New
 Industr., Ljubljana), 30 June 1955, vol. 7, 183-192). The history,
 organization, equipment and underground mining methods are described.
 Statistics are given for 1947-54, during which annual production rose from
 35,350 to 139,600 tons. (1).

Final

EEAL 1 L. Krawny

Vol. 12, No. 12, Dec. '56

GESMIGA, I.

Coal mine in Timav. p. 1. NOVA PROIZOVODNJA (Uprava
za napredek v proizvodnji) Ljubljana. Vol. 7 no. 6
Mar. 1956



SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

CASH/CA, L

1183. KANIZARICA BROWN COAL MINE (YUGOSLAVIA). Časnik, 1. (Nova
 Prolazod. (New Industr., Ljubljana), 1957, vol. 8, (1/2), 1-9). The history,
 geography, organization and underground working are described, with
 statistical tables for 1947-1954. Output was 97,770 tons in 1947 and
 160,580 in 1954. (L).

1184. KOČEVJE BROWN COAL MINE (YUGOSLAVIA). Časnik, 1. (Nova
 Prolazod. (New Industr., Ljubljana), 1957, vol. 8, (1/2), 10-17). The
 history, geography, organization, equipment and underground working of the
 mine are described, with tabulated statistics for 1947-1954. Output was
 123,214 tons in 1954, 126,530 in 1953, 97,770 in 1947 and 160,580 in 1954.
 (L).

CESNIGA, I.

- 1437. VELENE BRONZ COAL MINE. Cesnica, I. (Nova Proizvod. (New Industr., Ljubljana), May 1957, vol. 8, 117-127). The history, geography, organization, equipment and working of the mine are described and statistics for 1947-54 are given. Production was 105,230 tons in 1947 and 88,500 in 1954. (L).
- 1438. ILINSKA SIVRICA BRONZ COAL MINE. Cesnica, I. (Nova Proizvod. (New Industr., Ljubljana), May 1957, vol. 8, 126-137). Statistics for 1947-54 are given. Production was 32,560 tons in 1949 and stopped in 1950. (L).
- 1439. GLORNO BRONZ COAL MINE. Cesnica, I. (Nova Proizvod. (New Industr., Ljubljana), May 1957, vol. 8, 137-147). Production rose to a maximum of 20,700 tons in 1949, was 10,700 tons in 1946 and stopped in 1945. The mine is 7 km from Brezice. (L).

CESHIGA, I.

"Barite mine in Pleše."

p. 270 (Nova Proizvodnja) Vol. 8, no. 5/6, 1957
Ljubljana, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CESMIGA, I.

"Lead mine and lead smelting plant in Mezica."

p. 278 (Nova Proizvodnja) Vol. 8, no. 5/6, 1957
Ljubljana, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

GESMIGA, I.

Production of naphtha in Lendava. p. 137.

Periodical: ~~1977~~. NOVA PROIZVODNJA.

Vol. 9, no. 3, June 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

GESMIGA, I.

Celje Zinc Works. p. 251.

Periodical: NOVA PROIZVODNJA.

Vol. 9, no. 4/6, 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

CESMIGA, I.

Mines in Slovenia which are out of operation. p. 262.

Periodical: NOVA PROIZVODNJA.

Vol. 9, no. 4/6, 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

CESMICA, I.

Mines in Slovenia which are out of operation. p. 1.

NOVA PROIZVODNJA. (Zveza drustev inzenirjev in tehnikov IRS) Ljubljana, Yugoslavia, Vol. 10, no. 1, 1959.

Monthly List Of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959.

Uncl.

CESNAK, L.

A simple electrolytic model for testing the field of a synchronous motor with distinct poles. p. 201. (Strojnoelektrotechnicky Casopis. Bratislava. Vol. 7, no. 4, 1956.)

SO: Monthly List of East European Accessions (EEAL) IC., Vol. 6, no. 7, July 1957. Uncl.

Gesnak, L.

Gesnak, L. A 530 kw. traction motor. Tr. from the German. p. 315.

Vol. 7, no. 5, 1956
STROJNOELEKTROTECHNICKY CASOPIS
TECHNOLOGY
Czechoslovakia

So: East European Accessions, Vol. 6, May 1957
No. 5

GESNAK, L.

A conference on the technology of electric motors in Pizen.

P. 224, (Strojoelektrotechnicky Casopis) Vol. 6, no. 3, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

621.313.32.042.4

67. THE AIRGAP PERMEANCE OF SYNCHRONOUS MACHINES
WITH CIRCULAR INTERPOLAR SPACES. J. Cesařák.
Elektrotech. Obzor, Vol. 46, No. 5, 256-61 (1957). In Slovak.

The equivalent permeance of the airgap between the pole and a toothless armature is given, first assuming a uniform airgap. With the use of conformal mapping, the equivalent permeances of the airgap in the region of the circular interpolar spaces are derived for the following magnetic-potential-difference distributions: uniform, arbitrary, and for the ideal case of a winding distributed in slots with discontinuities at each slot. A flux plot based on calculated results is reproduced.

E. Erdelyi //

CESNAK, L.; MERINSKY, K.

Application of Hall probes to the investigation of the magnetic field in the air gap of rotating electric machines. p. 485.

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkého strojírenství a Československé vědecká technická společnost pro elektrotechniku při Československé akademii věd) Praha, Czechoslovakia. Vol. 48, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

~~CEŠNAK, Ladislav~~, [Cesnak, L.], kand.tekhn.nauk, assistant

Use of Hall elements in the analysis of the field harmonics
of a synchronous machine. *Izv.vys.ucheb.zav.; elektromekh.*
3 no.5:10-15 '60. (MIRA 13:7)

1. Kafedra elektricheskikh mashin i apparatury Slovatskogo
vysshego tekhnicheskogo uchilishcha v Bratislave, Chekhoslovakiya.
(Electric machinery, Synchronous)
(Magnetic fields)

CESNAK, Ladislav, inz., C.Sc.

A contribution to the theory of multiphase heteropolar inductor
alternators for medium frequencies. El tech cas 13 no.4:193-217
1962.

1. Odborný asistent, Katedra elektrických strojov a prístrojov,
Slovenská vysoká škola technická, Bratislava, Mytná 32/E

CESNAK, Ladislav, ins., SoC.; PALKA, Robert, ins.

Voltage drop in the winding of an armature with commutator.
El tech cas 14 no.6:344-367 '63.

1. Odborný asistent, Katedra elektrických strojov a prístrojov,
Slovenská vysoká škola technická, Bratislava, Mytná 32.

PALKA, Robert, inz.; CESNAK, Ladislav, inz.

Design of principal dimensions of an induction furnace with
iron core for 50 cps. El tech obzor 52 no.1:13-17 Ja '63.

1. Katedra elektrických strojov a prístrojov, Slovenska vysoka
skola technicka, Bratislava.

CESNAK, L., inz.

Magnetic field of a gear generator. El tech obzor 53 no. 1:
46 Ja '64.

CESNAK, I., inz.

Scientific conference of the Faculty of Electrical
Engineering on the occasion of the 25th anniversary of
the foundation of the Slovak Higher School of Technology
in Bratislava. El tech obzor 53 no.. Suppl:Zpravy 53 no.4:
Z13-Z14 Ap '64.

CESNAK, Ladislav, inz. CSc.

Conductivity of the grooved area of a tooth generator. E1 tech
cas 15 no. 4:193-204 '64.

1. Department of Electric Machines and Apparatus, Slovak
Higher School of Technology, Bratislava.

CESNEK, Viktor, ins.

Grinding of hard and firm coal. Uhli 5 no.9:331-332 S'63.

1. Vysoka skola technicka, Kosice.

CESNEK, Viktor, inz.

Protection of crushing machines from blocking. Uhli 6 no. 8:
278-279 Ag '64.

1. Higher School of Technology, Kosice.

24.7700

S/196/62/000/008/003/017
E114/E135

AUTHORS: Dular, Slavko, and Češnovar, Andrej

TITLE: The influence of the addition of barium oxides on the mechanical and electrical characteristics of steatite

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.8, 1962, 4, abstract 8 B23. (Elektrotehn. vestn., v.28, no.8-10, 1961, 196-202). (Slovak, abstract in French, English and German)

TEXT: Phase diagrams of the following systems are considered: MgO-SiO₂ and MgO-SiO₂-Al₂O₃. Limiting temperatures are established for the phase changes of the ceramic materials defined by these diagrams. The addition of BaO to the ceramic materials defined by the system MgO-SiO₂-Al₂O₃ improves their electrical insulating and mechanical characteristics. The optimum content of BaO in the steatite is established as 8-10%. Departure from these limits leads to deterioration in the characteristics of steatite. 6 references.

Card 1/1 [Abstractor's note: Complete translation.]

CESHOVSKY J.

Ceshovskiy J.

Czechoslovakia/General Division. Conservation of Nature A-5

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 4710

Author : Ceshovskiy J.

Inst :

Title : Natural Reservations of the German Democratic Republic VII. Dars Peninsula

Orig Pub : Okhrana prirody, 1956, 11, No 9, 277-281

Abstract : Description of the natural reservation on Dars Peninsula. A large number of species of birds, snipe in particular, are encountered.

Card 1/1

CZECHOSLOVAKIA/Electronics - Vacuum Technique

H-9

Abs Jour : Ref Zhur - Fizika; No 4, 1959, No 6261

Author : Cespiro Zdenek

Inst : Electrotechnical Faculty, CVUT, Prague, Czechoslovakia

Title : Discharge Vacuum Meter Without a Magnetic Field

Orig Pub : Pokroky mat., fys. a astron., 1958, 3, No 3, 299-302

Abstract : The author proposes a simple instrument for the measurement of pressure from 1 to 10 mm mercury, using a hindered glow discharge. The pressure is determined from the value of the area of the cathode, covered by the cathode glow. The accuracy of measurements is 5 to 10 percent. The vacuum meter can be used instead of a mercury manometer in the cases when it is desirable to avoid the entrance of mercury vapor, for example, in the filling of low-pressure gas discharge tubes. It is also possible to use the instrument as a pressure relay.
-- M.A. Gozhenko.

Card : 1/1

H

CZECHOSLOVAKIA/Electronics - Vacuum Technique.

Abs Jour : Ref Zhur Fizika, No 12, 1959, 27946
Author : Cespiro, Zdenek
Inst : Physics Faculty of the Electrotechnical Department
CVUT, Prague, Czechoslovakia
Title : Calibration of a Manometer with the Aid of a Gas
Pipette
Orig Pub : Ceskosl. casop. fys., 1959, 9, No 1, 99-101
Abstract : The author describes a simple device in the form of
a batching valve to obtain definite pressure in a
specified volume, serving for the calibration of
manometers (instead of the MacLeod manometer). The
method is a modification of the well known Knudsen
and Vermande method (Knudsen M, Ann. Physik, 1910,
32, 834; 1914, 44, 531; Vermande, J.M. Vide, 1952,

Card 1/2

CESPIVA, Jan, MUDr., posudkovy lekar

Problem of dispensary services for fighters against Fascism during the occupation. Cesk.zdravot. 8 no.12:673-679 D '60.

1. Odbor socialniho zabezpeceni rady narodniho vyboru hlav. mesta Prahy. Cesk.zdravot. 8 no.12:673-679 D '60.
(WAR)

GESPIVA, K.

A chemical colleqy in Ostrava. Chem prum 12 no.12:671-672.

1. KVS-Chemie, Ceskoslovenska vedeckotechnicka spolecnost, Ostrava.

Summary **COSMOS, Sec. 1.**

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10-3-57

RADIOACTIVE AEROSOLS / *Cesimír Jech, Pracovní*
Lékařství 2, No. 3, 147-83 (1953). (in Czechoslovakian)
A review is given of radioactive aerosols. Their origin,
occurrence, control, and use are discussed. 17 references.
(S.A.)

Boyle/HMH

6
1 Rm L

Formation of radioactive deposits on dust particles of varying size. Československý ústav chemie, CSAV, Praha, Czechoslovakia, Listy 48, 333-6 (1954). The relation between the amount of Ru deposited on the particles of the active C aerosol and the particle size has been investigated by means of the jet impactor. The results indicate that in the range of 1-10 μ the amount deposited is proportional to the particle surface. N. Pridas

CESTMIR, JECH

B-14

Czechoslovakia/ Physical Chemistry - Colloid chemistry. Disperse systems

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11427

Author : Jech Cestmir

Title : Natural Background in Determination of Radioactivity of Aerosols

Orig Pub : Prirozene pozadi pro mereni radioaktivnich aerosolu. Ceskosl. casop. fys., 1956, 6, No 2, 192-200 (Czech)

Abstract : By measuring the activity of a paper filter after air had been drawn through it for 4-8 hours (RZhKhim, 1954, 25064) and by the method of nuclear photoemulsions (Phys. Rev., 1949, 76, 1731) a determination was made of radioactivity of natural atmospheric aerosol, induced by products of disintegration of Rn and Th. The two methods yielded about similar results. Activity-time curve comprises two portions of steep and gentle slope corresponding to disintegration of short-life (SL) and long-life (LL) isotopes. It is shown that the portion of activity induced by SL is approximately equal to the ratio of inclinations of activity curves of investigated specimen at $t = 0$ and SL activity without admixture of LL. For a more precise determination of the magnitude of this portion activity measurements should be carried out 2 days after preparation of the sample,

2/2 1/2

CESTMIR, Kalina, MUDr., asistent

Toxic manifestations following chloramphenicol therapy. Cas.
lek. cesk. 95 no.6:164-165 10 Feb 56.

1. Infekcni klinika Bulovka, Praha, prednosta prof. MUDr.
J. Prochaska.

(CHLORAMPHENICOL, injurious effects.
(Cs))

~~SECRET~~, CESTMIR, S.

CZECHOSLOVAKIA/Physical Chemistry - Radiochemistry, Isotopes.

B-7

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13690

Author : Cestmir Simane.

Inst : Academy of Sciences of Czechoslovakia.

Title : Application of Radioactive Isotopes to Scientific Research Work.

Orig Pub : Jaderna energie, 1957, 3, No 6, 177-180

Abstract : Report to the conference at the Academy of Sciences of Czechoslovakia on the application of radioactive isotopes. The possibilities and the expediency of the application of tagged atoms, as well as of the direct action of nuclear radiations in various science branches are discussed.

Card 1/1

CESTNIK, D.

Sketches from the antituberculosis dispensary. p. 21. (BEGORAU, VOL. 7, No. 3, 1952.)

SO: Monthly List of East European Accessions. (EEAL, CI, Vol. 4, No. 6, June 1955, Uncl.

CESTNIK, I.

Hospital for osteo-articular tuberculosis in Biograd na Moru. p. 14. (BEOGRAD, Vol. 7, No. 5, 1952.)

SO: Monthly List of East European Accessions. (EEAI, 1C, Vol 4, No. 6, June 1955, Uncl.

CESTNIK, I.

Fluoroscopy. p. 12. (BEOGRAD, Vol 7, No. 5, 1952.)

SO: Monthly List of East European Accessions. (EEAL, IC, Vol 4, No. 6, June 1955, Uncl.)

CESTNIK, I.

"A Visiting Nurse at Work." p. 29. (Borba Protiv Tuberkuloze, Vol. 1, no. 1, Jan/Feb. 1953, Beograd)

SO: Monthly List of East European Accessions, Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

CESTNIK, Ivan

**Pulmonary tuberculosis in aged. Zdrav,vest., Ljubljana 24 no.3:
95-98 1955.**

**1. Specialna bolnisnica za pljučno tuberkulozo topolščica - pred-
stojnik Dr. Ivan Cestnik.**

(TUBERCULOSIS, PULMONARY, in aged)

**(AGED, diseases,
tuberc., pulm.)**

CESTNIK, Ivan

Medical rehabilitation of patients following pulmonary resection.
Tuberkuloza, Beogr. 11 no, 2: 226-228 '59.

1. Specijalna bolnica za tuberkulozu, Topolsica, sef: dr. I. Cestnik.
(PNEUMONECTOMY)

GOLDMAN,S.; LAVRIC,B.; FURLAN,T.; PAPO,I.; STUDIC,J.; BENEDIK,M.; ČESTNIK,I.

Results of surgical therapy of pulmonary tuberculosis with special
reference to pulmonary resection. Tuberkuloza, Beogr. 11 no.2:147-
166 '59.

(PNEUMONECTOMY)

CESTNIK, Ivan, dr.

On pulmonary cysts. Med. glas. 13 no.7:353-356 J1 '59.

I. Bolnica za tuberkulozu i plucne bolesti u Popolsici, Predstojnik:
prim. dr I. Cestnik.

(LUNG DISEASES)
(CYSTS)

CESTNIK, Ivan

Pulmonary mycoses. Tuberkuloza, Beogr. 12 no.4:421-432 '60.

1. Bolnica za tuberkulozu i plucne bolesti, Topolsica (direktor:
dr I.Cestnik)

(LUNG DISEASES)

(MYCOSES)

USTAR, M.; BENEDIK, M.; CESTNIK, I.

Results of resection in the treatment of pulmonary tuberculosis.
(Analysis of 300 patients treated by pulmonary resection during
the period of 1956-1960). Tuberkuloza 16 no.1:11-21 Ja-F '64.

1. Bolnica za plucnu tuberkulozu Topolsica (Predstojnik: prim.
dr. I. Cestnik).

CESTNIK, Ivan, prim. dr.

Bronchial carcinoma in women. Tuberkuloza 17 no.1, 1964-66 22-Apr '66.

1. Bolnica za tuberkulozu i plucne bolesti, Topolseica (Direktor: prim. dr. I. Cestnik).

CESUL, J.

3842

637.33 : 547.982.3

Cesul J., Obrusiewicz T., Rajca J. Experiments on Utilizing Whey for *AG*
the Production of Food Products.

„Próby wykorzystania serwatki do wyrobu produktów spożywczych”.
(Prace Inst. Przem. Mlecz. No. 2), Warszawa, 1934, WPLIS, 2,5 pp, 1 fig.,
1 tab.

An edible product in solid form, similar to scandinavian „Mezos” —
not suitable for spreading on bread — was produced from whey, together
with a powdered product with an addition of 10% of saccharose. The
powder takes the form of small crystals, is sweetish in taste, slightly
salty with a milk-acidly odour. It can be used in baking, confectioneries
and the production of baby foods.

(2)

CESUL, J.

3084

637.33 : 535.330

Cesul J. The Use of Ultra-Violet Rays in Ripening Edam Cheese.

„Zastosowanie promieni nadfioletowych w dojrzewalni serów edamskich". (Prace Inst. Przem. Mlecz. No. 3); Warszawa, 1955, WPLiS, 3.5 pp., 4 figs., 2 tabs. AG

UF Phillips TUV 30 W ultra-violet ray lamps were installed in a cheese ripening plant for Edam cheese. One lamp was given per 55 m² of surface area. After 4 hours of irradiation, about 80% of the bacteria was destroyed in an empty room and after 24 hours — 85%. In rooms filled with cheeses, those directly irradiated did not mould, while the remainder showed a smaller degree of moulding which appeared, moreover, about 33% more slowly than on cheese in non-irradiated rooms. This gives labour-saving in the care of cheese. Edam cheese irradiated over a period of 14 days has a more spicy and fuller taste than non-irradiated cheese. This tends to prove that the former ripens more rapidly.

CESUL J.

**Technologia mleczarstwa (Technology of dairy products) by J. Cesul. Reported
in New Books (Nowe Książki.) March 1, 1956.**

COUNTRY : POLAND H
CATEGORY : Chemical Technology, Chemical Products and
Their Applications, Food Industry.
ABS. JOUR. : RZKhim., No. 23 1959, No. 23908
AUTHOR : Cesul, J.
POST : -
TITLE : Quality of Butter in the Light of Scientific
Investigations of Recent Years
ORIG. PUB. : Przegl. mleczarski, 1957, 5, No 12, 18-20
ABSTRACT : Presented are data on the investigation of
macro- and microstructure of butter: conditions
and distribution of fat and water, of flora,
affecting the consistency of butter and its
stability. Reviewed is the feasibility of
butter treatment in an atmosphere of CO₂ or
under pressure. -- V. Novikova.
CARD: 1/1

SAVIUC, V.D.; CETATEANU, C.D.

Variation of the resistance and internal reactance of steel conductors with the tensile force at the 50 Hz frequency. Studii fiz tehn Iasi 10 no.1:93-103 '59 (EBAI 9:3)

1. Filiala Iasi a Academiei Republicii Populare Romine.
(Electric conductors) (Steel)
(Electric waves)

CHETETSYANU, S. [Cetateanu, S.] (Bukharest)

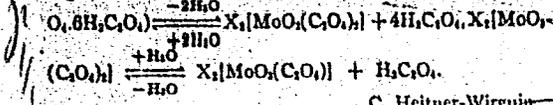
Stability of the walls of beams reinforced with unilateral
stiffening ribs under the action of normal stresses. Prykl.
mekh. 7 no.4:404-414 '61. (MIRA 14:9)

1. Politekhnikheskiy institut v Timishori, Rumyniya.
(Beams and girders)

CETEANU, I.

Formation of oxalatomolybdates in aqueous solutions. I. R. Ripan, A. Duca, and I. Ceteanu. *Acad. rep. populare Rouine, Filiala Cluj, Stud. chim.* 9, 47-55 (1958).
 The reactions occurring in solns. of molybdic acids to which oxalate ions may be added were studied. The following molybdates were used: Na_2MoO_4 , $(\text{NH}_4)_2\text{MoO}_7$, $\text{H}_2[\text{Mo}_2\text{O}_7]$, and $(\text{NH}_4)_6[\text{Mo}_7\text{O}_{24}]$. The effect on the system $(\text{1MoO}_4^{--} : 8\text{C}_2\text{O}_4^{--})$ by treatment with NH_4OH , AgNO_3 , and $\text{Pb}(\text{NO}_3)_2$, the influence of oxalic acid on molybdates, and the elec. charge of the complex radical obtained (ratios $\text{1MoO}_4^{--} : 1-50 \text{C}_2\text{O}_4^{--}$) were studied conductometrically. Other methods used were chromatography, electrochromatography, and polarography. The conductometric results show that with every kind of molybdate studied, the ratios obtained on the curves are reproducible at $\text{1MoO}_4^{--} : 1, 2, 4$, and $8\text{C}_2\text{O}_4^{--}$. The reactions between molybdate and oxalic acid occur step by step (up to the ratio $\text{1MoO}_4^{--} : 8\text{C}_2\text{O}_4^{--}$), thus proving them to be reactions of substitution. The conductometric study enables the detm. of the degree of condensation of the isopolymolybdate from the curves obtained. From the paper chromatographic and polarographic study, it is possible to conclude that the major action of oxalic acid on the molybdates is the formation of a complex and not condensation. Electrochromatography showed the charge of the oxalatomolybdic complexes to be negative. The following equil. exist in aq. solns.: $(\text{X}_1\text{MoO}_4 \cdot 6\text{H}_2\text{C}_2\text{O}_4) \rightleftharpoons \text{X}_1[\text{MoO}_4(\text{C}_2\text{O}_4)_6] + 4\text{H}_2\text{C}_2\text{O}_4$, $(\text{X}_1\text{MoO}_4 \cdot 6\text{H}_2\text{C}_2\text{O}_4) \rightleftharpoons \text{X}_1[\text{MoO}_4(\text{C}_2\text{O}_4)_6] + 4\text{H}_2\text{C}_2\text{O}_4$.

3
 2 C₂O₄ (Moly)
 4 C₂O₄ (Moly)



C. Heitner-Wirgin

97

TIRLEA, Iuliana, prof.; I. ZAR-CAROIU, Felicia, dr.; LESTIG, T., dr.;
CETERCHI, Dolna, dr.; PAKAI, Eva, dr.; HENDEA, Gh. dr.

Characteristics of ulcerous disease in childhood. *Pediatria*
(Bucur.) 13 no.6&491-499 N-D '64

1. Lucrare efectuata in Clinica I de pediatrie, Cluj.

CETMIG , Marin; LEKOVIC, Voja; VASILJEVIC, Prvoslav

Addresses delivered at the Fourth Convention of the Union
of Yugoslav Postal, Telegraph, and Telephone Enterprises.
PTT Zajed 6 no. 1: 2-9 Ja-F '64.

CETINA, Elena, asist. univ. (Bucuresti)

Panama; a geopolitical sketch. *Matura Geografie* 14 no.4:66-69
Jl-Ag '62.

CETINA, El., asist. univ. (Bucuresti)

Malta. Natura Geografie 15 no.6:75-76 N-D '63.

1963

CETNIC, F.; GRUJIC-VASIC, J.

Androgenic hormones in milk. Pt. 1. Glasnik hemisara BiH
11:19-24 '62.

1. Biochemical Laboratory, Clinic for Infectious Diseases
and Institute of Chemistry, Medical Faculty, University
of Sarajevo.

BOSKOVIC, Sreten, dr.; CETINIC, Franko

The importance of transaminase in the blood serum in selecting blood donors with a history of infectious hepatitis. Med. arh. 16 no.6: 73-79 N-D '62.

1. Zavod za transfuziju krvi u Sarajevu.
(HEPATITIS INFECTIOUS) (BLOOD DONORS) (AMINOTRANSFERASES)
(ENZYME TESTS)

S

YUGOSLAVIA

TEFTEDARIJA, Dr Muhamed, Dr Tatjana BAROS, and Graduate Chemist (Diplomirani Kemikar) Franko CETINIC, Clinic for Infectious Diseases (Infektivna Klinika), Sarajevo.

"Severe Forms of Influenza and the Effect of the Corticosteroids."

Zagreb, Lijecknicki Vjesnik, Vol 85, No 4, April 1963, pp 395-401.

Abstract: [Authors' French summary modified] On the basis of their own experience and of corresponding laboratory tests, the authors conclude that cortico-therapy should be continued (even in stronger doses) in patients treated with corticosteroids over a long period of time in the event of bacterial and especially of virus infection. Dosage should be gradually reduced, along with the temporary use of ACTH. There appears to be no great danger of a reduction in the creation of antibodies in such patients, and such a danger is in any case lesser than that of acute [1/1/insufficiency in the suprarenal glands. Western refs.]

DORDEVIC, Dragan, dr.; CETINIC, Franko, dr.

Role of glucuronic acid in the differential diagnosis of
hepatic and obstructive jaundice. Med. glas. 17 no.8:343-
345 Ag-8'63.

1. Klinika za infektivne bolesti Medicinskog fakulteta u
Sarajevu; upravnik: prof.dr. B.Dordevic.

S

CETINIC, M.

PHASE I BOOK EXPLOITATION

YUG/3988

Savjetovanje industrijskih elektronicara, Zadar, 1956

Industrijska elektronika; referati održani na savjetovanju industrijskih elektronicara u Zadru (Industrial Electronics; Reports Given At the Conference On Industrial Electronics in Zadar, August 6-11, 1956) Zagreb, Komisija za elektroniku društva alatnicara FNRJ, 1958. 230 p. No. of copies printed not given. No contributors mentioned.

PURPOSE: This collection of reports promotes the use of electric and electronic devices in modernizing industrial plants. It is intended for management and technical personnel of Yugoslav industry.

COVERAGE: The collection contains papers presented during the convention of industrial electronic specialists which took place in Zadar (Yugoslavia) August 6-11, 1956. In these papers, the following problems were discussed: effect of automation on national economy, equipment used for automation of industrial processes, application of radar in modern warfare, industrial television, use of ultrasonics in machining, and computers. In addition to the reports published in this collection, the following papers were presented at the convention:

Card 1/7

Industrial Electronics

YUG/3988

Professor Dr. Josip Lončar, Electrical Engineering Department, Zagreb University "Devices With Ionization Chamber for Measurement of Total and Instantaneous Gamma Radiation as a Factor in Protection Against Radiation"; Artemije Sahazarov, Shipbuilding Department, Zagreb University. "Utilization of Electronics for Military Purposes"; Tihomir Bratoliječ, Electrical Engineering Department, Zagreb University. "Automatic Voltage Regulator for Synchronous Motors"; Maks Konrad, Ruder Bošković Institute, Zagreb, "Electrical Equipment for Measuring Radiation in Using Isotopes for Scientific and Industrial Purposes"; and S. Vukelić, Technical Director of the Vlado Bagat Plant, Zadar. Development and Prospects of the Vlado Bagat Plant. References accompany 9 papers.

TABLE OF CONTENTS:

Introduction

Foreword

Cetinić, Marin, Chairman of Board, Economics Committee of Croatian People's Republic. Effect of Automation on Economic Progress 1
The author stresses the importance of the convention, and the possibilities offered to the country by automation.

Card 2/7

CETINIC, M.

Our fisheries facing serious tasks. p. 152

MORSKO RIBARSTVO. (Udruzenje morskog ribarstva Jugoslavije) Rijeka,
Yugoslavia. Vol. 11, no. 7, July 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2
Feb. 1960

Uncl

GETINIC, Marin

Hundredth anniversary of the Yugoslav inland water shipping.
Tehnika Jug:Suppl.:Saobracaj 10 no.2:365-368 Fe '63.

1. Clan Saveznog izvrsnog veca, Beograd.

CETINIC, Marin

Transport in Yugoslavia's foreign trade. Medun transp 9 no.5:
282-283 My '63.

1. Member of the Federal Executive Council and Secretary of
Transport and Communications.

CETINIC, Marin

Transportation in foreign trade. Medun transp 9 no.6:390-391
Je '63.

CETINIC, Marin

The Bill on amendments and supplements to the law on the Organization of the Yugoslav Post, Telegraph, and Telephone before the National Assembly. PTT Zajed 6 no.5/6:2-5 S-D '64.

1. Federal Secretary of Transport and Communication.

CETINIC, Marin

Geneva Conference and the problems of transport. Medun
transp 10 no. 5:308-309 My '64.

CETKOVIĆ, M.

"The work of the chief of communications in combat situations." p. 69. (Vojni Glasnik. Vol. 7, no. 7, July 1953. Beograd.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

CETKOVIC, M.

"Characteristics and the application of radio relays communications."

p. 727 (Vojno Delo) Vol. 9, no. 10/11, Oct./Nov. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CETINIC, Marin

Sea transportation and system of its operation. Medun transp
8 no.8:528-529 Ag '62.

CETINIC, Marin

The new business spirit in the economic enterprises of the Postal, Telegraph, and Telephone Union of Yugoslavia has prevailed and already achieved great success. PT Zajed 5 no.3:3-8 M-je '63.

1. Clan Saveznog izvrnog veka i sekretar SIV-a za saobracaj i veze.

CETINIC, Marin

New organization of the Yugoslav Postal, Telegraph,
and Telephone Enterprises proved to be fully justified.
PTT Zajed 5 no. 5: 2-5 Ag '63.

i. Savezni sekretar za saobracaj i veze i clan SIV-a.

GETINIC, Marin

Economy and management in transport. Medun transp 10 no.7:478-481
Jl '64.

CETKOVIC, SIMON

Mathematical Reviews
Vol. 14 No. 9
October 1953
Analysis

Cetković, Simon. Sur la différentiabilité des deux familles des fonctions réelles. Bull. Soc. Math. Phys. Série 4, no. 3-4, 53-57 (1952). (Serbo-Croatian, French summary)

Let A and B be complementary sets of natural numbers, each containing an infinite number of primes. Let S be the set of real numbers which can be written in the form p/q , where p is an integer, $q \in B$, and p and q are relatively prime. Let $F(x) = 0$ on S' and let $F(p/q) = q^{-\alpha}$ for $p/q \in S$, α being an arbitrary positive real number. Then, if $0 < \alpha \leq 1$, F is nowhere differentiable but is continuous on an everywhere dense set; if $1 < \alpha$, then F is discontinuous on a dense set but is also differentiable on a dense set. *E. Hewitt.*

CETKOVIC, SIMON

Mathematical Reviews
Vol. 15 No. 2
Feb. 1954
Analysis

✓ Cetković, Simon. Sur les zéros réels des dérivées d'une classe des fonctions. Bull. Soc. Math. Phys. Serbie 5, no. 1-2, 47-51 (1953). (Serbo-Croatian. French summary) (1)

From the French summary: Let $P(x)$ and $Q(x)$ be real polynomials, let the real parts of the zeros of $P(x)$ lie on the interval $[a, A]$ and let all the real zeros of $Q(x)$ lie on the interval $[b, B]$. Then the set of real zeros of the derivatives of the rational functions $P(x)/Q(x)$ is proved to be everywhere dense on the four intervals $(-\infty, \min(a, b))$, $(\max(A, B), +\infty)$, (a, A) , (b, B) . The author refers to N. Obreschkoff [C. R. Acad. Bulgare Sci. Math. Nat. 1, no. 1, 5-8 (1948); these Rev. 11, 102] and D. Markovitch [Bull. Soc. Math. Phys. Serbie 4, no. 3-4, 1-5 (1952); these Rev. 14, 965].
M. Marden (Milwaukee, Wis.).

CETKOVIC, SIMON

Cetković, Simon. La relation entre l'ordre des nombres algébriques et la différentiabilité d'une famille des fonctions. Bull. Soc. Math. Phys. Serbie 5, no. 3-4, 91-92 (1953). (Serbo-Croatian. French summary)

Après avoir défini une famille de fonctions de la manière suivante: $F(x, a) = 0$, si x est un nombre irrationnel, $F(x, a) = q^{-a}$, si x est un nombre rationnel de la forme p/q ,

p et q étant des entiers sans facteurs communs avec $q \neq 0$ et où a est un paramètre arbitraire, l'auteur démontre: La fonction $F(x, a)$ a une dérivée aux tous points irrationnels et algébriques de l'ordre $\leq n$ pour $n < a$, quoique elle ne soit pas continue aux points d'un ensemble de points partout dense.

Résumé de l'auteur.

Derivative

CETKOVIC, SIMON

Cetković, Simon. Les nombres transcendants et la différentiabilité d'une famille de fonctions. Formation d'un ensemble des nombres transcendants. Bull. Soc. Math. Phys. Serbie 6 (1954), 93-101. (Serbo-Croatian, French summary)

1 - F/W

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Let S be a finite set of transcendental numbers. The author constructs a real-valued function on the entire line that is discontinuous at all rational points, is differentiable at every point of S , and is also differentiable on a certain dense set. There is also a dense set of transcendental points where the function is continuous but not differentiable.

E. Hewitt (Princeton, N.J.)

Simon

CETKOVIC, SIMON

2

Cetković, Simon. Formation de certaines fonctions réelles d'une multitude finie des variables aux propriétés intéressantes. Bull. Soc. Math. Phys. Serbie 8 (1956), 169-182. (Serbo-Croatian. French summary)
The author constructs certain functions of n real variables illustrating the independence of continuity, discontinuity, existence of partial derivatives and differentiability.

CG
1/1

Formation of Certain Real Functions of a Finite Number of Variables Having Interesting Properties.

Grund